

### REMARKS

Claims 1-25 have been cancelled and new claims 26-35 have been added. Claims 26-35 are currently pending in the application.

The amendment to the specification indicates that the present application is a continuation of USSN 09/924,692.

The new claims generally track the subject matter of claims 1-9, but are directed to a specific embodiment relating to the simultaneous measurement of the activities of a plurality of kinases of a cell-signaling pathway in a cellular sample.

Specific basis for terms in the new claims are as follows:

New Claim(s)	Term/Phrase	Basis
26	"simultaneously assaying the activities of multiple kinases in a cell-signaling pathway"	Page 14, lines 9-10. Page 10, line 26, to page 14, line 24 (for emphasis on kinases) Examples 1-8 (all kinase examples)
26	"reaction mixture"	Page 4, lines 14-15.
26	"set of kinase substrates under conditions effective to convert a kinase substrate in the set to a corresponding product in the presence of the kinase for that substrate, where (i) each kinase substrate and the product of that kinase substrate have different separation characteristics from each other and from the other kinase substrates in the set and their corresponding products and (ii) each kinase substrate and its corresponding product have a detection moiety capable of producing a detectable signal"	Claim 1.
26	"separating the kinase substrates and products in said reactions in a single separation medium"	Claim 1.
26	"detecting, for each separated product, a separation characteristic effective to identify that product and a signal related to the amount of the product"	Claim 1.
26	"determining, from the detected separation characteristic and signal detected for each product, the amount of each kinase substrate converted to the corresponding product in said reaction mixture"	Claim 1.
27		Claim 2.
28		Claim 3.
29		Claim 4.
30		Claim 5.
31		Claim 7.
32		Claim 8.

Table cont'd:

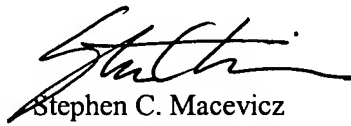
New Claim(s)	Term/Phrase	Basis
33		Claim 9.
34		Claim 22. Page 6, lines 7-16.
35		Claim 22.

No new matter has been added by the amendments.

Applicants submit that the present application is in condition for allowance based on the allowed claims of the parent application. Accordingly, Applicants respectfully request that the application be allowed and quickly passed to issue.

If any additional time extensions are required, such time extensions are hereby requested. If any additional fees not submitted with this response are required, please take such fees from deposit account 50-2266.

Respectfully submitted,

  
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Enclosure: Application Transmittal  
Fee Transmittal  
Information Disclosure Statement  
Power of Attorney